## 1 ABSTRACT

The present invention relates to a class of proteins, a process of production thereof, and a method for treatment of neurological and viral diseases in humans and animals. More specifically it applies to the treatment of heretofore intractable diseases such as retro-viral infections including human immunodeficiency virus (HIV), simian immunodeficiency virus (SIV), feline immunodeficiency virus (FIV), bovine immunodeficiency virus (BIV) and equine acquired immunodeficiency virus (EAIV). The